

**I CLAIM:**

1. A keyboard comprising:  
a housing including a plurality of passages formed therein and  
each defined by a cylindrical member,  
5 a plurality of keys each including a shank slidably engaged in  
said passages of said housing respectively, and  
means for generating electromagnetic floating force to float  
said keys relative to said housing.
2. The keyboard as claimed in claim 1, wherein said  
10 electromagnetic floating force generating means includes a plurality  
of coils arranged to generate the electromagnetic floating force.
3. The keyboard as claimed in claim 2, wherein said  
electromagnetic floating force generating means includes a plurality  
of magnets attached onto said keys respectively, and arranged to be  
15 acted with said coils respectively.
4. The keyboard as claimed in claim 3, wherein said magnets  
are attached to said shanks of said keys respectively.
5. The keyboard as claimed in claim 2, wherein said housing  
includes a plurality of sleeves engaged in said passages thereof  
20 respectively, to retain said coils in said sleeves respectively.
6. The keyboard as claimed in claim 5, wherein each of said  
sleeves includes a peripheral rib extended laterally and inwardly  
therefrom, to engage with and to retain said coil in said sleeves  
respectively.
- 25 7. The keyboard as claimed in claim 5, wherein each of said  
sleeves includes a peripheral flange extended laterally and  
outwardly therefrom, to engage with said cylindrical member, and to

anchor said sleeves to said cylindrical members of said housing respectively.

8. The keyboard as claimed in claim 5, wherein each of said cylindrical members of said housing includes an annular shoulder  
5 formed therein, and each of said sleeves includes at least one latch extended laterally out therefrom, to engage with said annular shoulders of said cylindrical members, and to anchor said sleeves to said cylindrical members respectively.

9. The keyboard as claimed in claim 2, wherein said housing  
10 includes a switch to control said coils.

10. The keyboard as claimed in claim 1, wherein said housing includes a plurality of recesses formed therein and each defined by a peripheral wall, and each of said keys includes a knob having a peripheral skirt slidably engaged in said recesses of said housing  
15 respectively.

11. The keyboard as claimed in claim 1, wherein said housing includes a plurality of pads disposed in said cylindrical members, and aligned with said shanks of said keys respectively.

12. The keyboard as claimed in claim 1, wherein said housing  
20 includes an outer peripheral portion having a plurality of light devices disposed therein.

13. The keyboard as claimed in claim 12, wherein said housing includes a switch to control said light devices.

14. The keyboard as claimed in claim 1, wherein said housing  
25 includes at least one fan device disposed therein to circulate air through said keys.

15. The keyboard as claimed in claim 14, wherein said housing

includes a switch to control said at least one fan device.

16. A keyboard comprising:

a housing,

a plurality of keys slidably supported on said housing

5 respectively, and

means for generating air to circulate the air through said keys.